

Individual Prostate Cancer Risk Score (STHLM3)

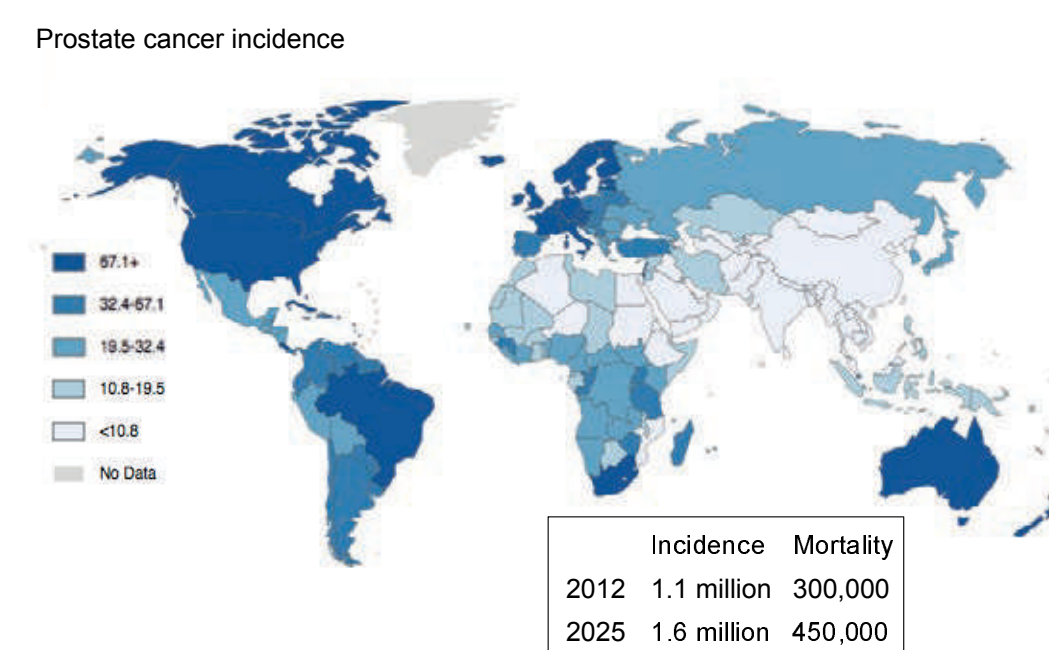
Early intervention / prevention altering disease course trajectories

Project Type: Innovation by Design
Societal challenges: Improve healthcare

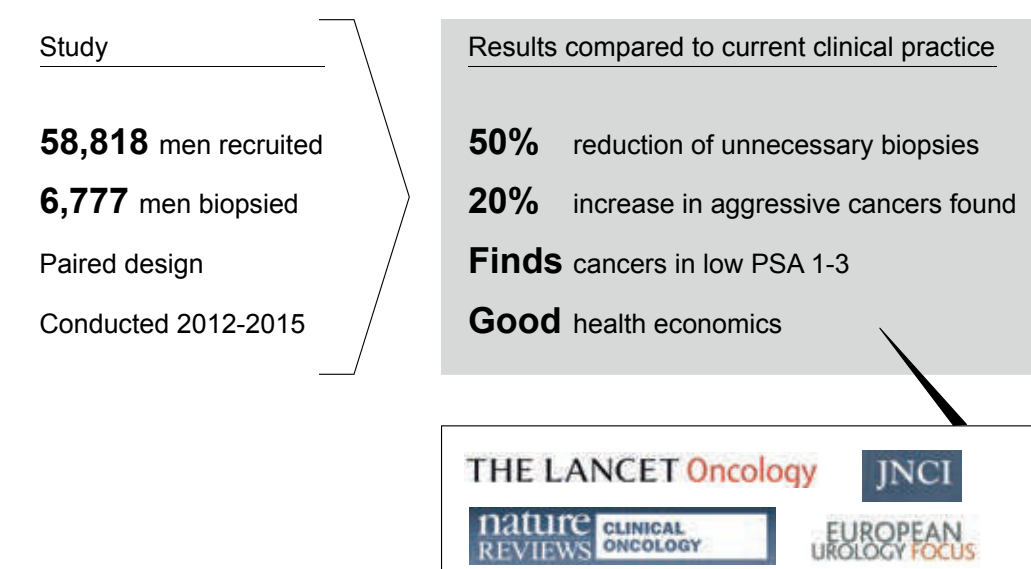
The project in a nutshell

The aim of this project is to introduce, assess and refine a new application for individualized prostate cancer risk, the STHLM3 Risk Score. The STHLM3 Risk Score finds 20% more aggressive cancers and reduces the number of unnecessary biopsies with more than 50% compared to current clinical practice. The STHLM3 Risk Score was developed in a joint clinical research program between Thermo Fisher Scientific, a Swedish HCP and KI, combining genetic and protein biomarkers with clinical data in a multivariate algorithm.

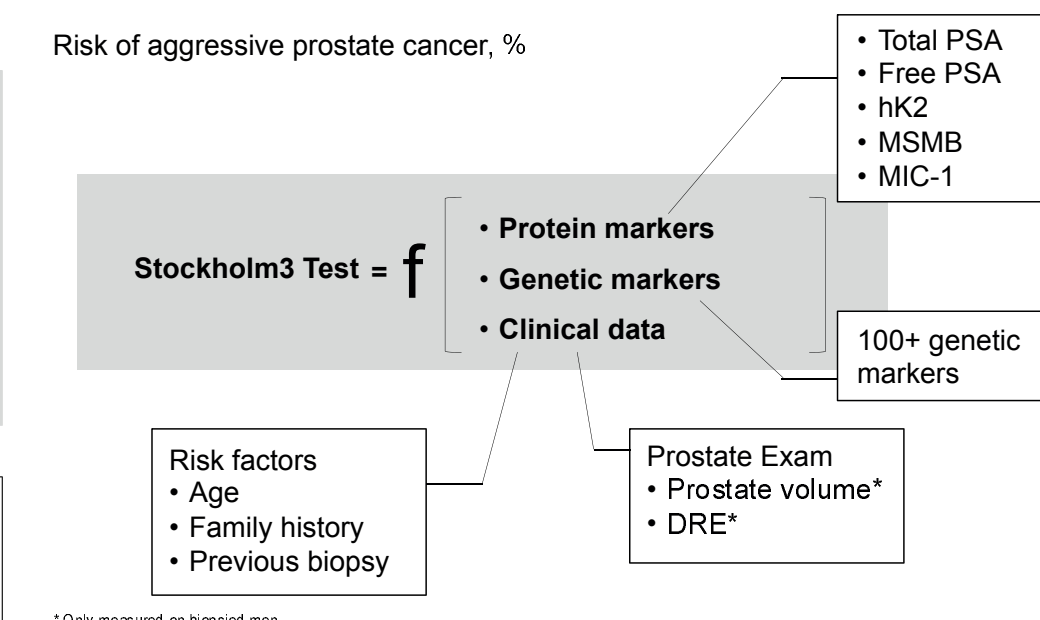
Prostate cancer is common and increasing...



The STHLM3 Risk Score has shown to significantly enhance test characteristics versus current clinical practice



The STHLM3 Risk Score estimates the risk of aggressive prostate cancer by combining biomarkers and clinical data



Who benefits?

Individual men: lower mortality from prostate cancer and less harm based on over-diagnosis
Society: Improved health care and reduced healthcare costs.

Where are you today and what is next?

The STHLM3 Risk Score has been evaluated in 58,000 men and the results have been published in peer reviewed journals. It is now available as a Lab Developed Test (LDT) for clinical use in Sweden established by the Karolinska Hospital Laboratory.



Further development of the STHLM3 Risk Score to adopt to different HCPs needs, individual men's need and improved by big data analyses. Further increase of STHLM3 Risk Score specificity by combining STHLM3 Risk Score with MRI targeted biopsies solution establishing the STHLM3 Risk Score on other technology platforms.

Project Leader

ThermoFisher
SCIENTIFIC



Other Partners

Erasmus Universiteit Medisch Centrum Rotterdam
Friedrich-Alexander-Universität Erlangen-Nürnberg
Katholieke Universiteit Leuven
Universiteit Gent
Academisch Ziekenhuis Groningen
Stockholms Läns Landsting
Janssen-Cilag

We are looking for new Partners / Expertise



If you wish to collaborate with this project, scan the QR code and connect with it